

## CLAIMS

What is claimed is:

1. A resin composition comprising:

a film-forming polyester; and

an effective amount of oxygen-scavenging particles comprising at least one oxygen-scavenging element capable of reacting with molecular oxygen; wherein the particles have a particle size distribution such that particles within the size range of from about 25 to about 38 microns are present, and particles within the size range of from about 38 to about 45 microns are present, and wherein particles of less than about 25 microns in size do not exceed a concentration defined by the formula

$$\text{ppm} = 512.3 \times d$$

wherein ppm is the approximate concentration of particles of less than about 25 microns in size in parts per million by weight, and d is the apparent density of the particles of less than about 25 microns in size in grams per cubic centimeter.

2. A resin composition comprising:

a film-forming polyester; and

an effective amount of oxygen-scavenging particles comprising at least one oxygen-scavenging element capable of reacting with molecular oxygen; wherein the particles have a particle size distribution such that particles within the size range of from about 38 to about 45 microns are present, and particles within the size range of from about 45 to about 75 microns are present, and wherein particles of less than about 25 microns in size do not exceed a concentration defined by the formula

$$\text{ppm} = 512.3 \times d$$

wherein ppm is the approximate concentration of particles of less than about 25 microns in size in parts per million by weight, and d is the apparent density of the particles of less than about 25 microns in size in grams per cubic centimeter.

1     3.   A resin composition comprising:

2         a film-forming polyester; and

3         an effective amount of oxygen-scavenging particles comprising at least one  
4     oxygen-scavenging element capable of reacting with molecular oxygen; wherein  
5     the particles have a particle size distribution such that particles within the size  
6     range of from about 25 to about 38 microns are present, and particles within the  
7     size range of from about 38 to about 75 microns are present, and wherein particles  
8     of less than about 25 microns in size do not exceed a concentration defined by the  
9     formula

$$\text{ppm} = 512.3 \times d$$

11    wherein ppm is the approximate concentration of particles of less than about 25  
12    microns in size in parts per million by weight, and d is the apparent density of the  
13    particles of less than about 25 microns in size in grams per cubic centimeter.

1     4.   A resin composition comprising:

2         a film-forming polyester; and

3         an effective amount of oxygen-scavenging particles comprising at least one  
4     oxygen-scavenging element capable of reacting with molecular oxygen; wherein  
5     the particles have a particle size distribution such that particles within the size  
6     range of from about 25 to about 45 microns are present, and particles within the  
7     size range of from about 45 to about 75 microns are present, and wherein particles  
8     of less than about 25 microns in size do not exceed a concentration defined by the  
9     formula

$$\text{ppm} = 512.3 \times d$$

11    wherein ppm is the approximate concentration of particles of less than about 25  
12    microns in size in parts per million by weight, and d is the apparent density of the  
13    particles of less than about 25 microns in size in grams per cubic centimeter.